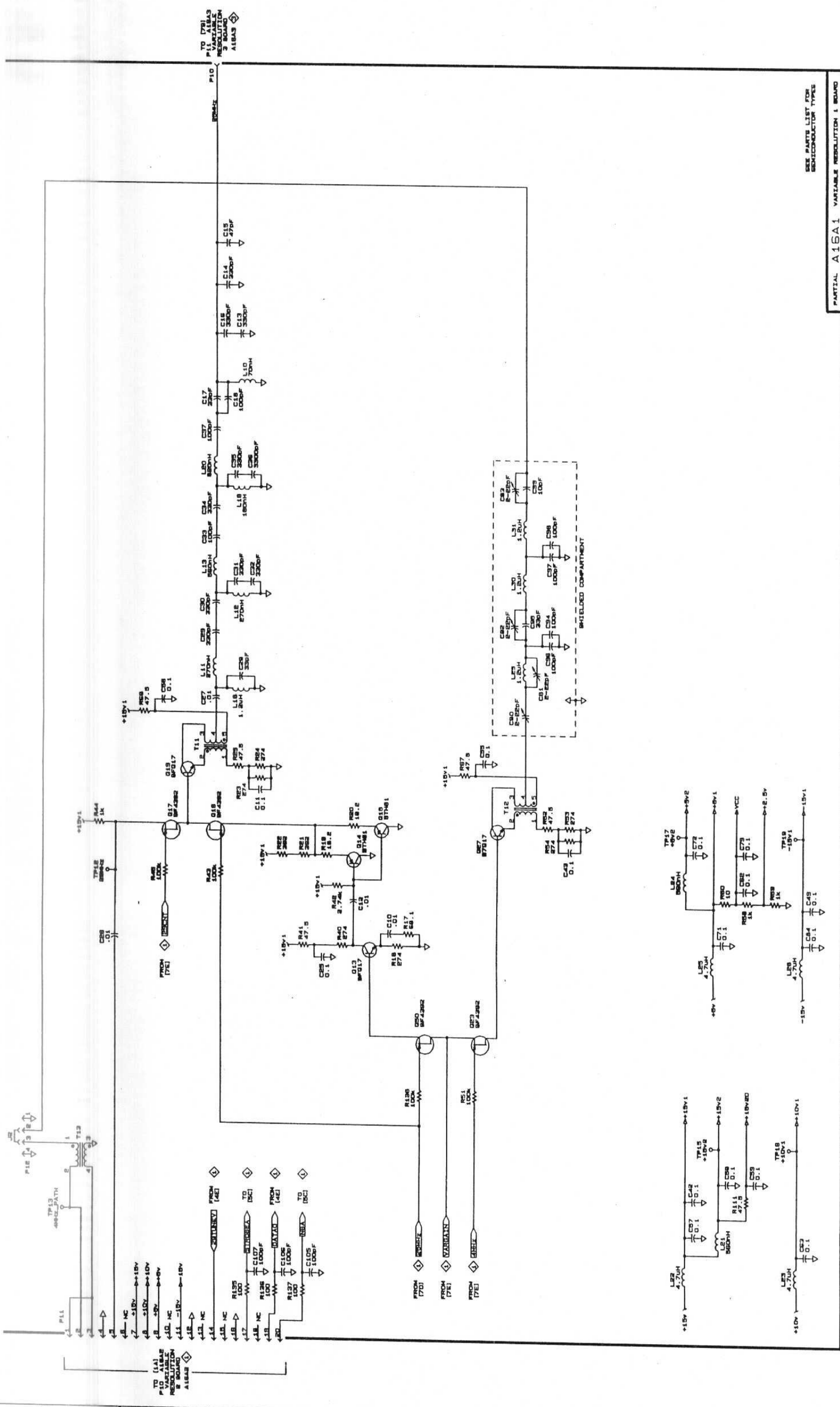


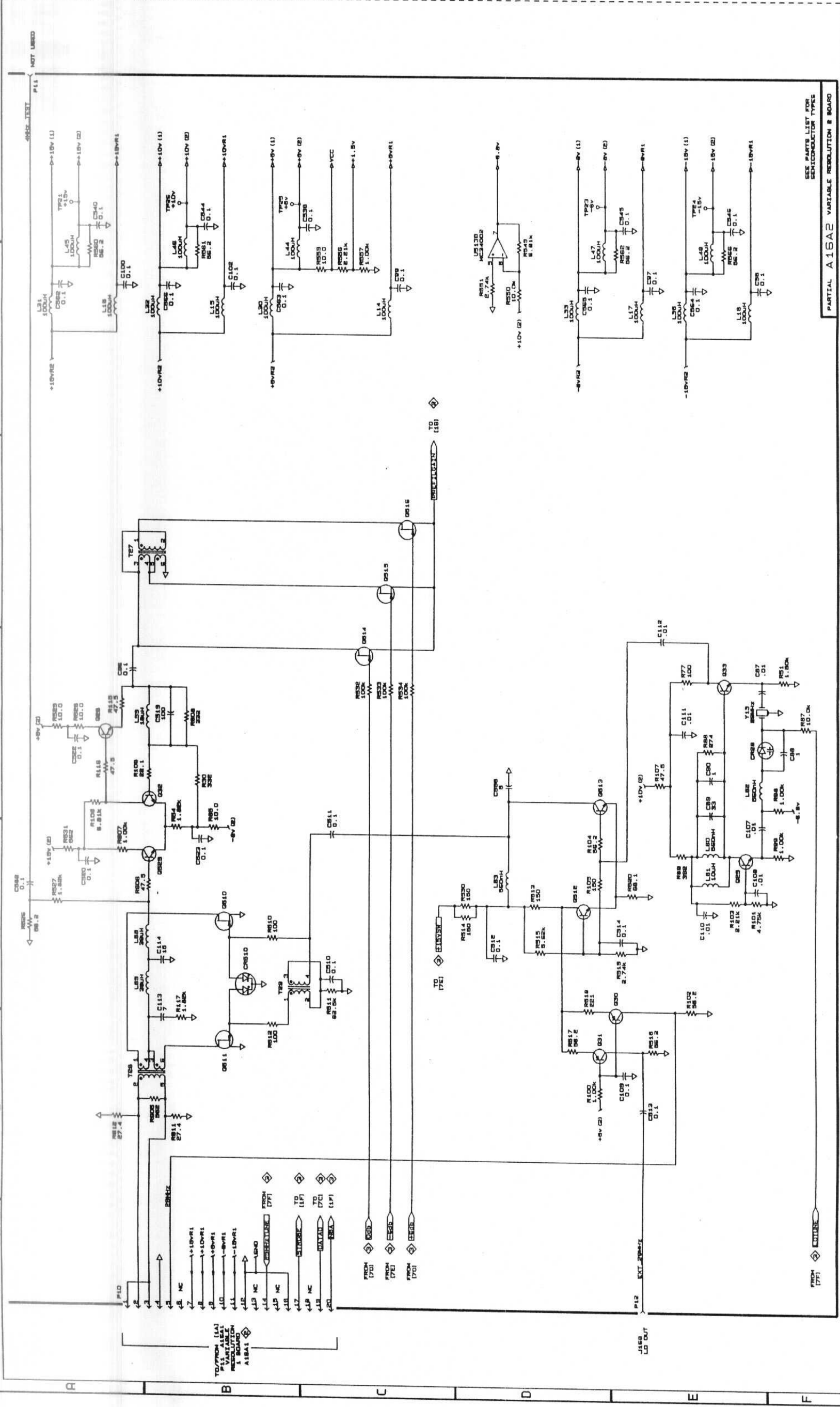
IC POWER PINS				
IC TYPE	VCC	V+	V-	VSS
74HC14084	+5V1	+5V1	-15V1	GND
74HC14084	+5V1	+5V1	-15V1	GND

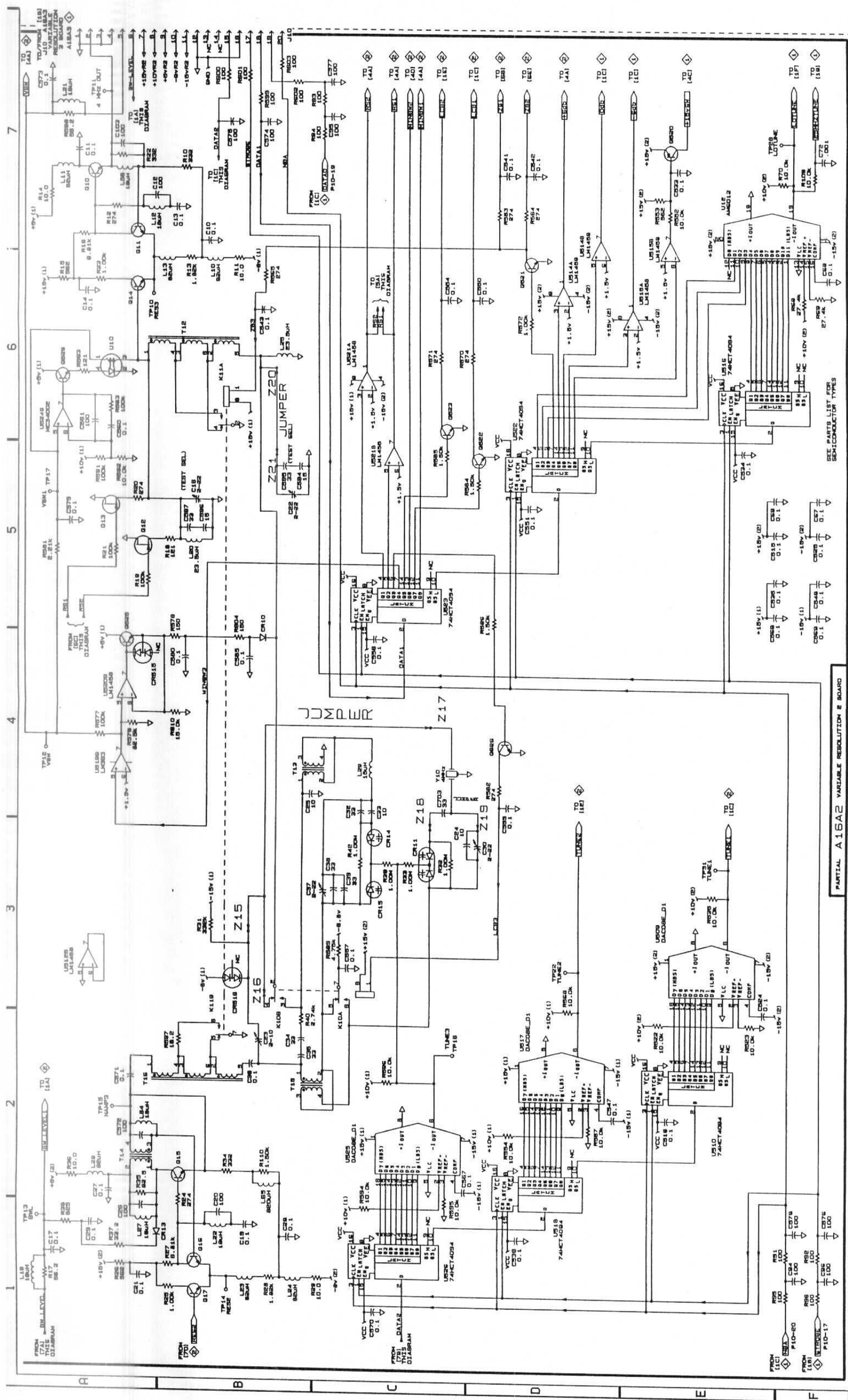
SEE PARTS LIST FOR
SEMICONDUCTOR TYPES

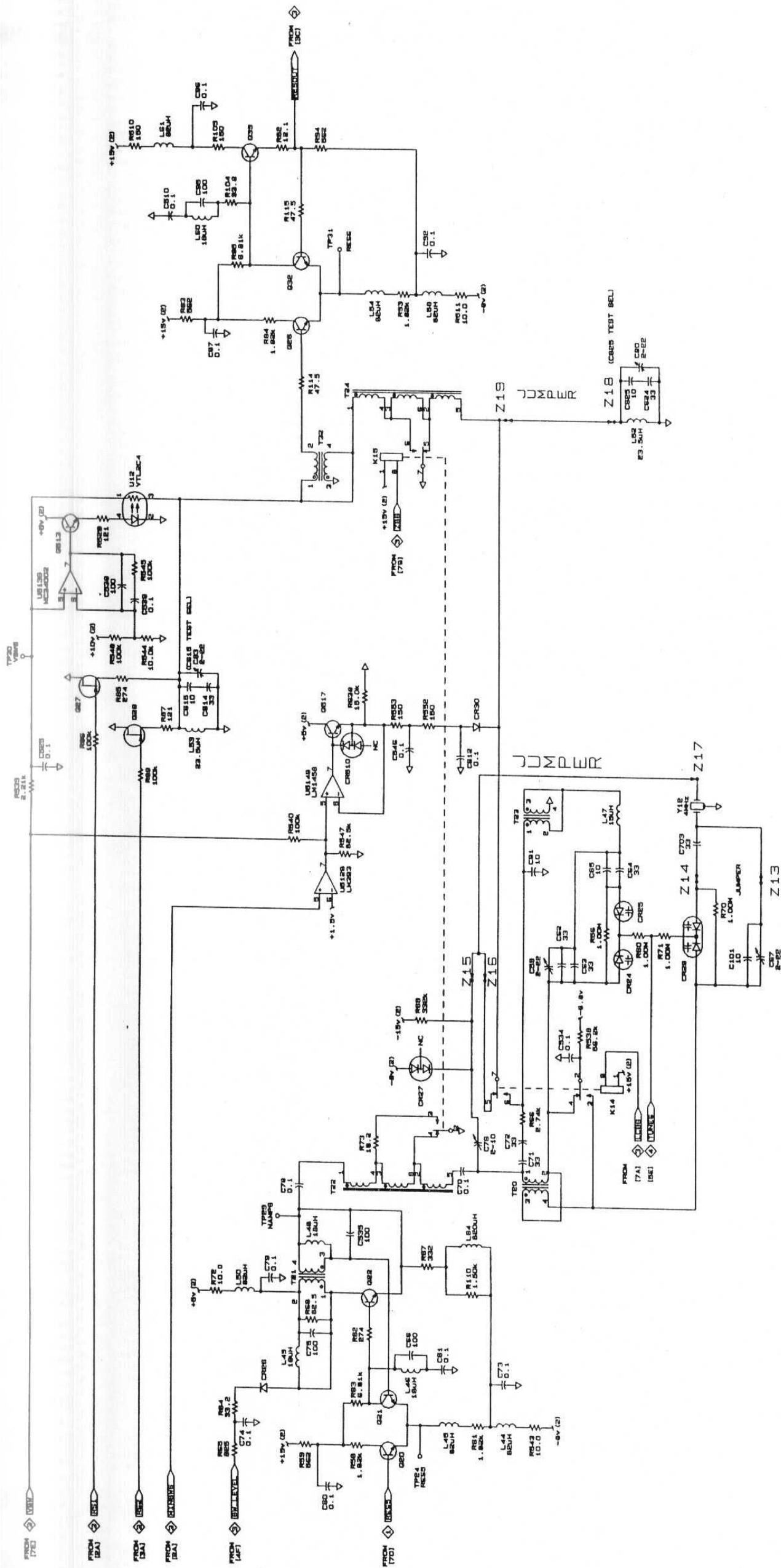


PARTIAL A16A2 VARIABLE RESOLUTION 8 BOARD

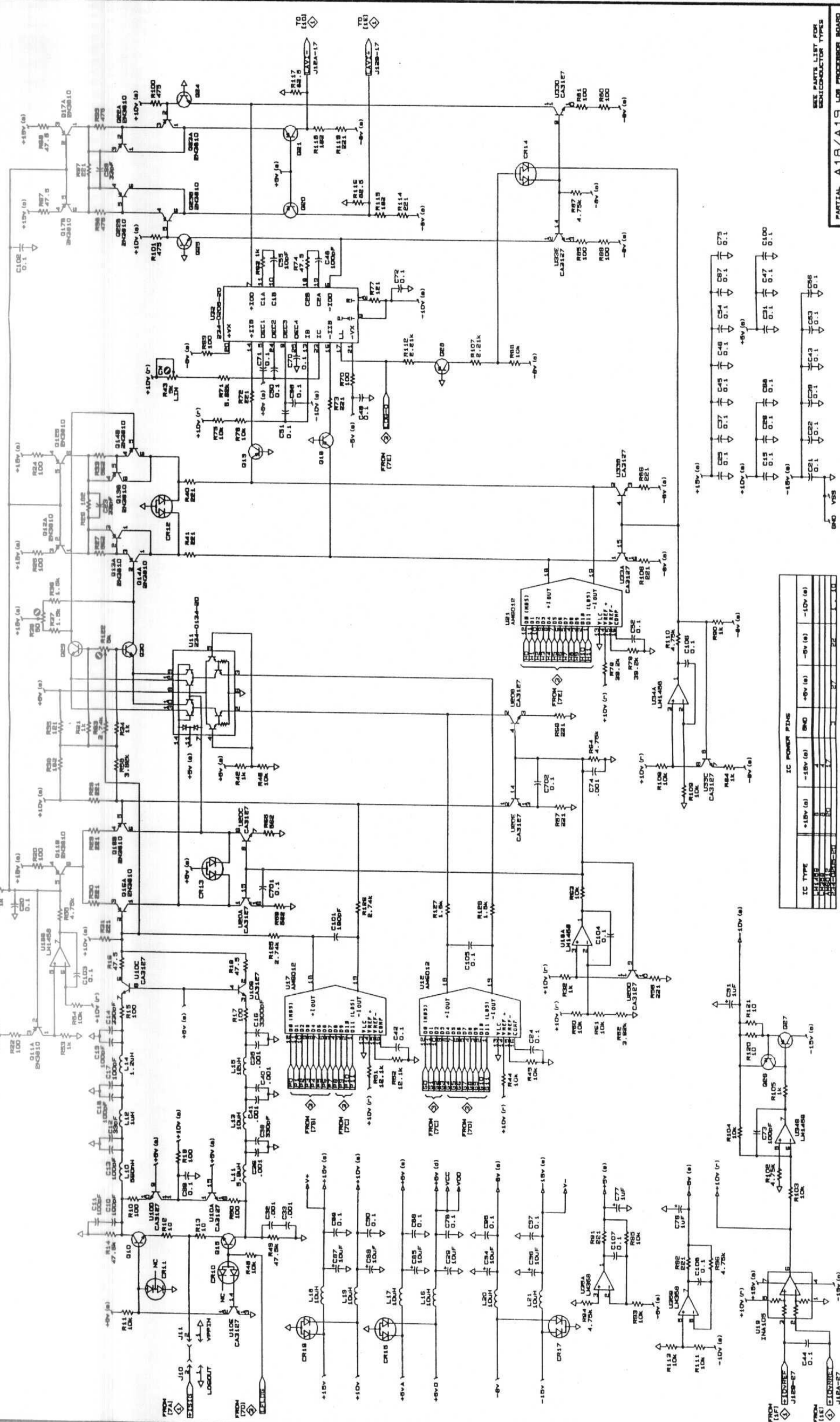
SEE PARTS LIST FOR SEMICONDUCTOR TYPES



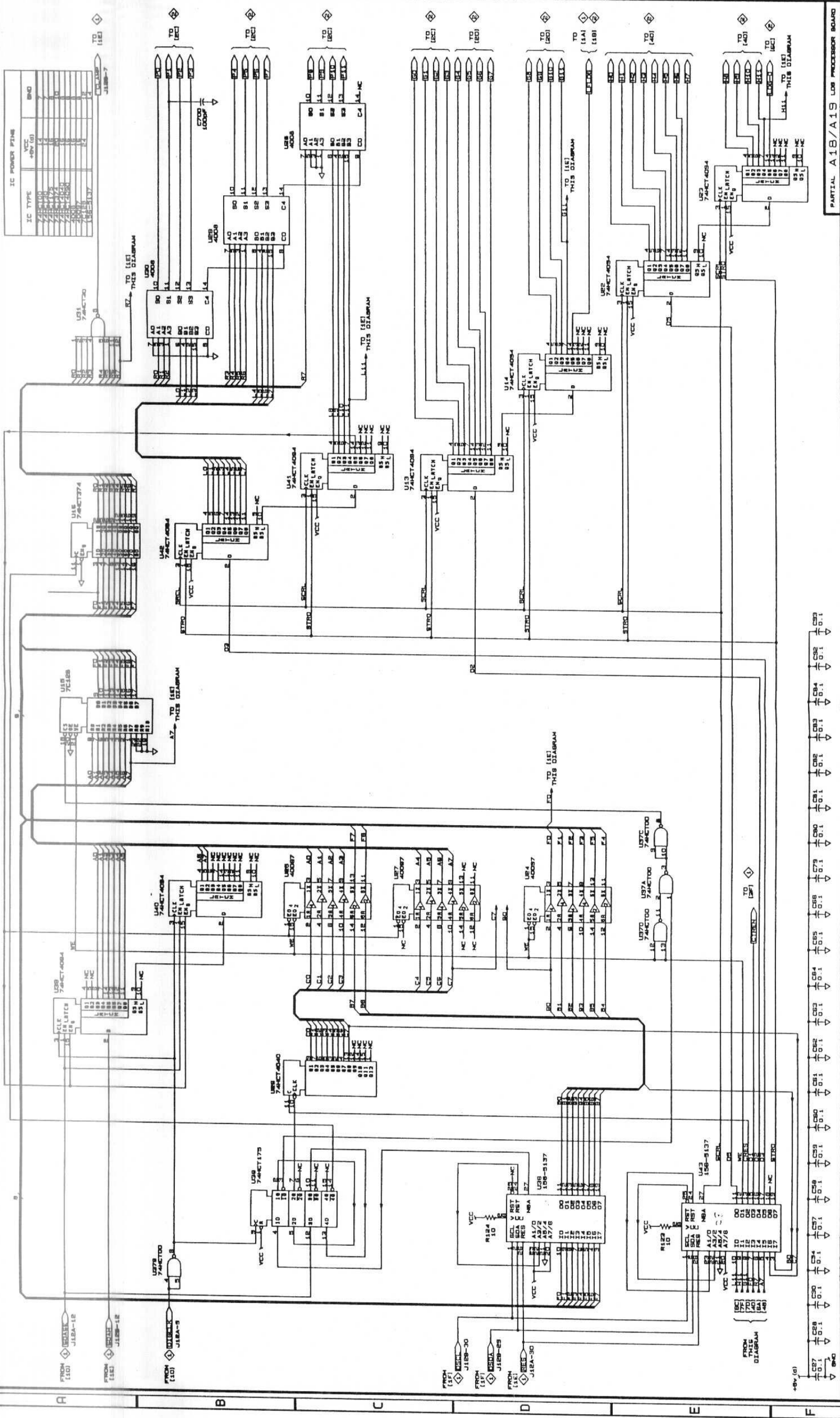


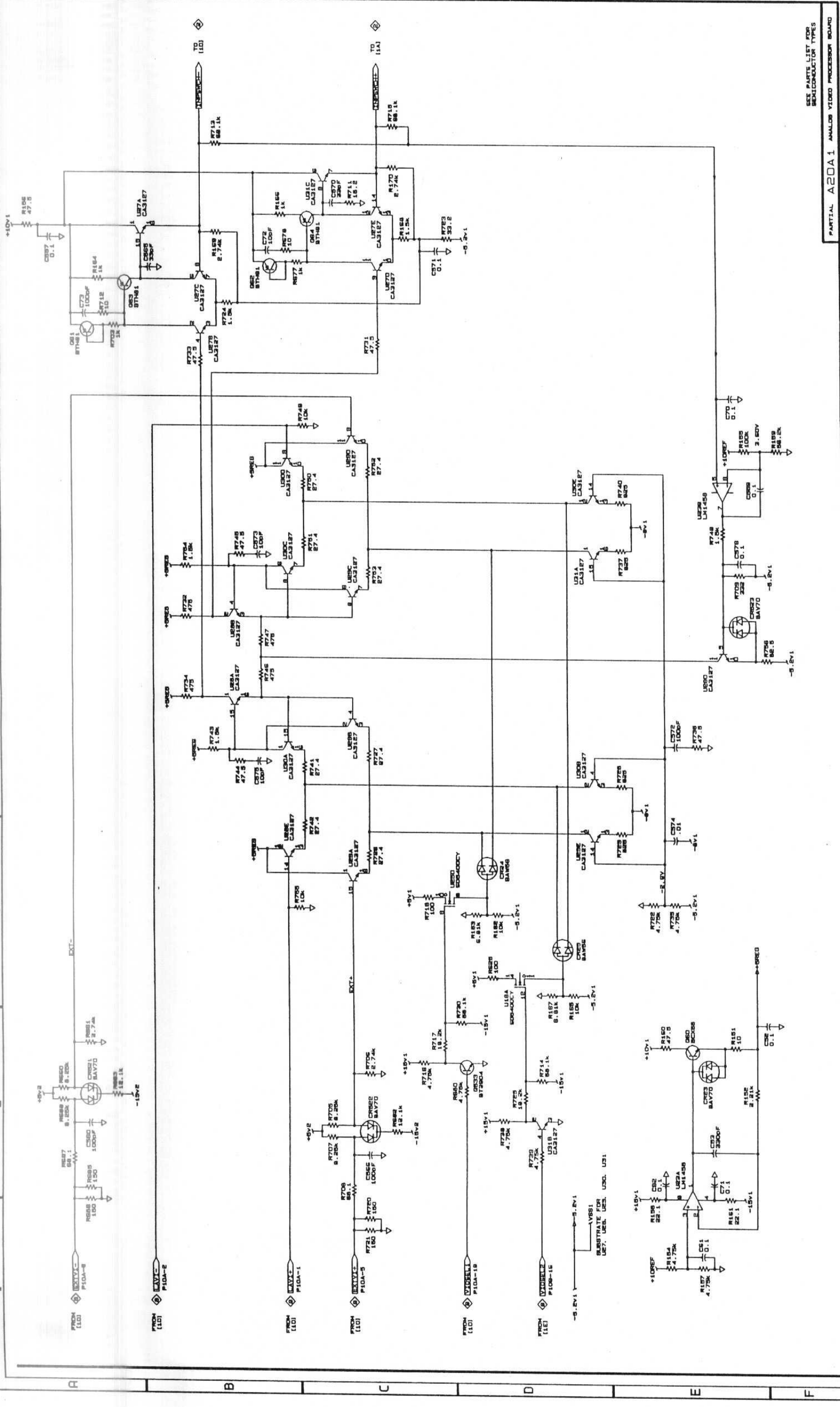


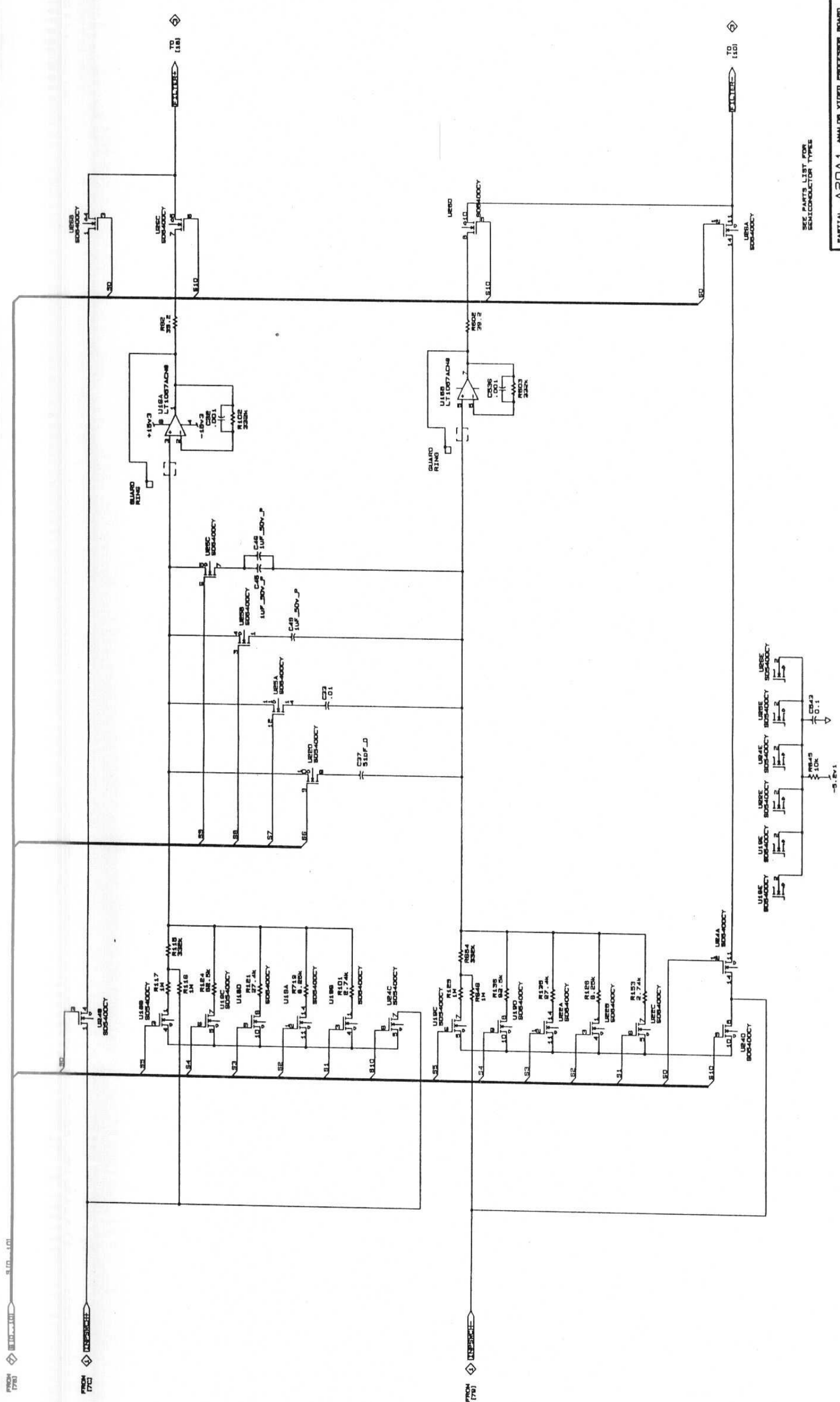




IC POWER PLANE									
IC TYPE	+15V (a)	+10V (a)	+5V (a)	-5V (a)	-10V (a)	-15V (a)	0V (a)	0V (a)	0V (a)
IC TYPE	+15V (a)	+10V (a)	+5V (a)	-5V (a)	-10V (a)	-15V (a)	0V (a)	0V (a)	0V (a)
IC TYPE	+15V (a)	+10V (a)	+5V (a)	-5V (a)	-10V (a)	-15V (a)	0V (a)	0V (a)	0V (a)
IC TYPE	+15V (a)	+10V (a)	+5V (a)	-5V (a)	-10V (a)	-15V (a)	0V (a)	0V (a)	0V (a)
IC TYPE	+15V (a)	+10V (a)	+5V (a)	-5V (a)	-10V (a)	-15V (a)	0V (a)	0V (a)	0V (a)
IC TYPE	+15V (a)	+10V (a)	+5V (a)	-5V (a)	-10V (a)	-15V (a)	0V (a)	0V (a)	0V (a)
IC TYPE	+15V (a)	+10V (a)	+5V (a)	-5V (a)	-10V (a)	-15V (a)	0V (a)	0V (a)	0V (a)
IC TYPE	+15V (a)	+10V (a)	+5V (a)	-5V (a)	-10V (a)	-15V (a)	0V (a)	0V (a)	0V (a)
IC TYPE	+15V (a)	+10V (a)	+5V (a)	-5V (a)	-10V (a)	-15V (a)	0V (a)	0V (a)	0V (a)
IC TYPE	+15V (a)	+10V (a)	+5V (a)	-5V (a)	-10V (a)	-15V (a)	0V (a)	0V (a)	0V (a)



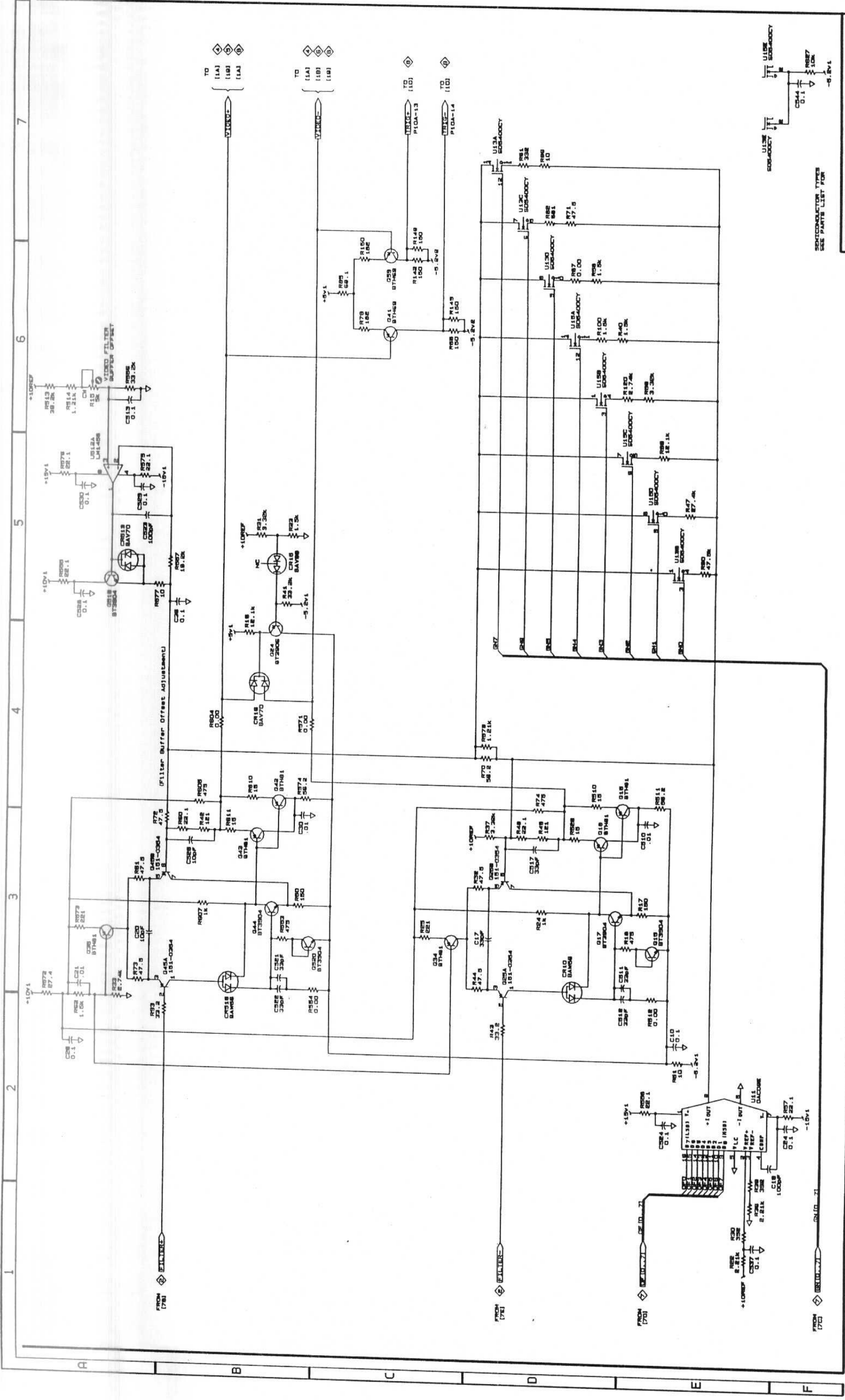


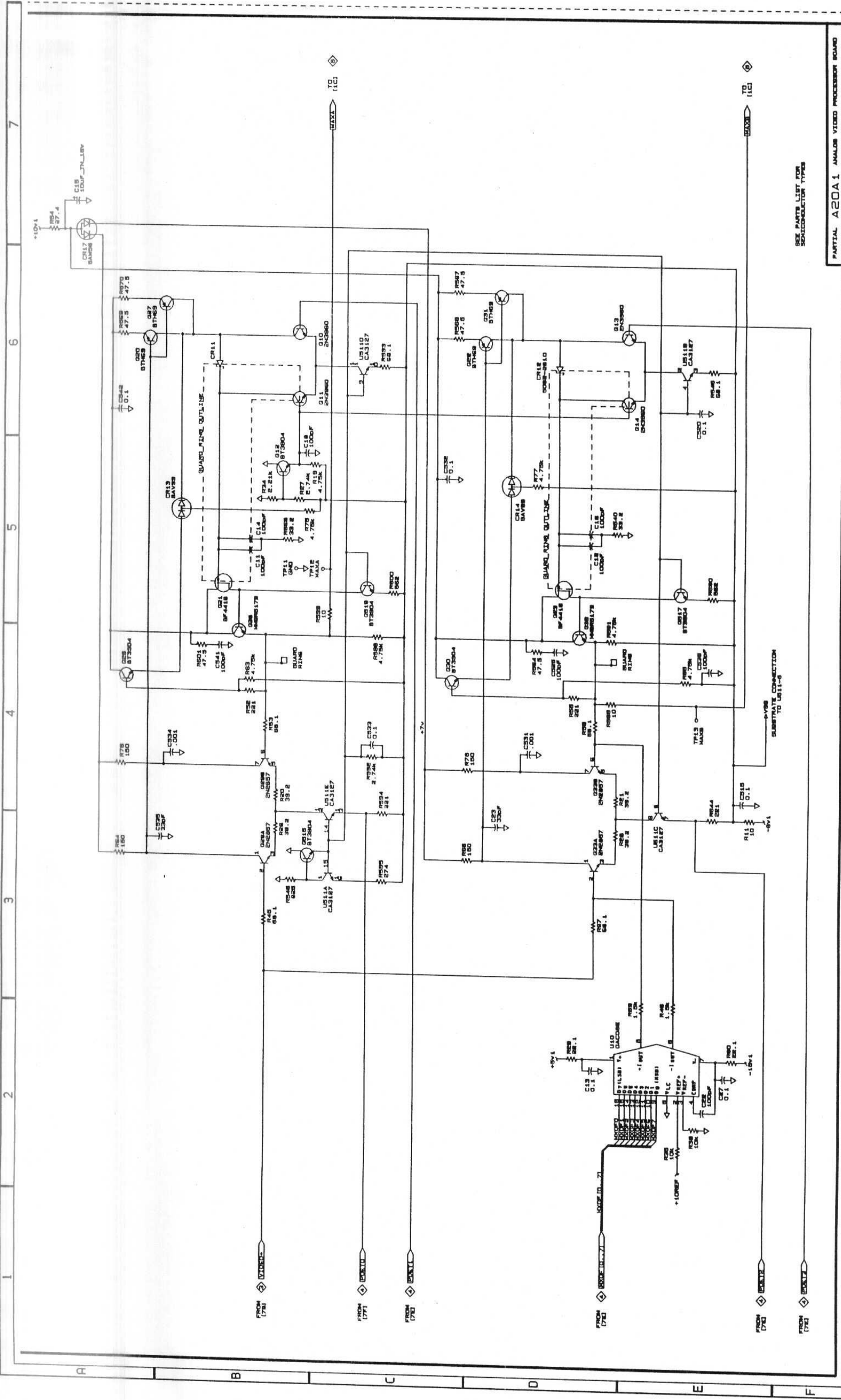


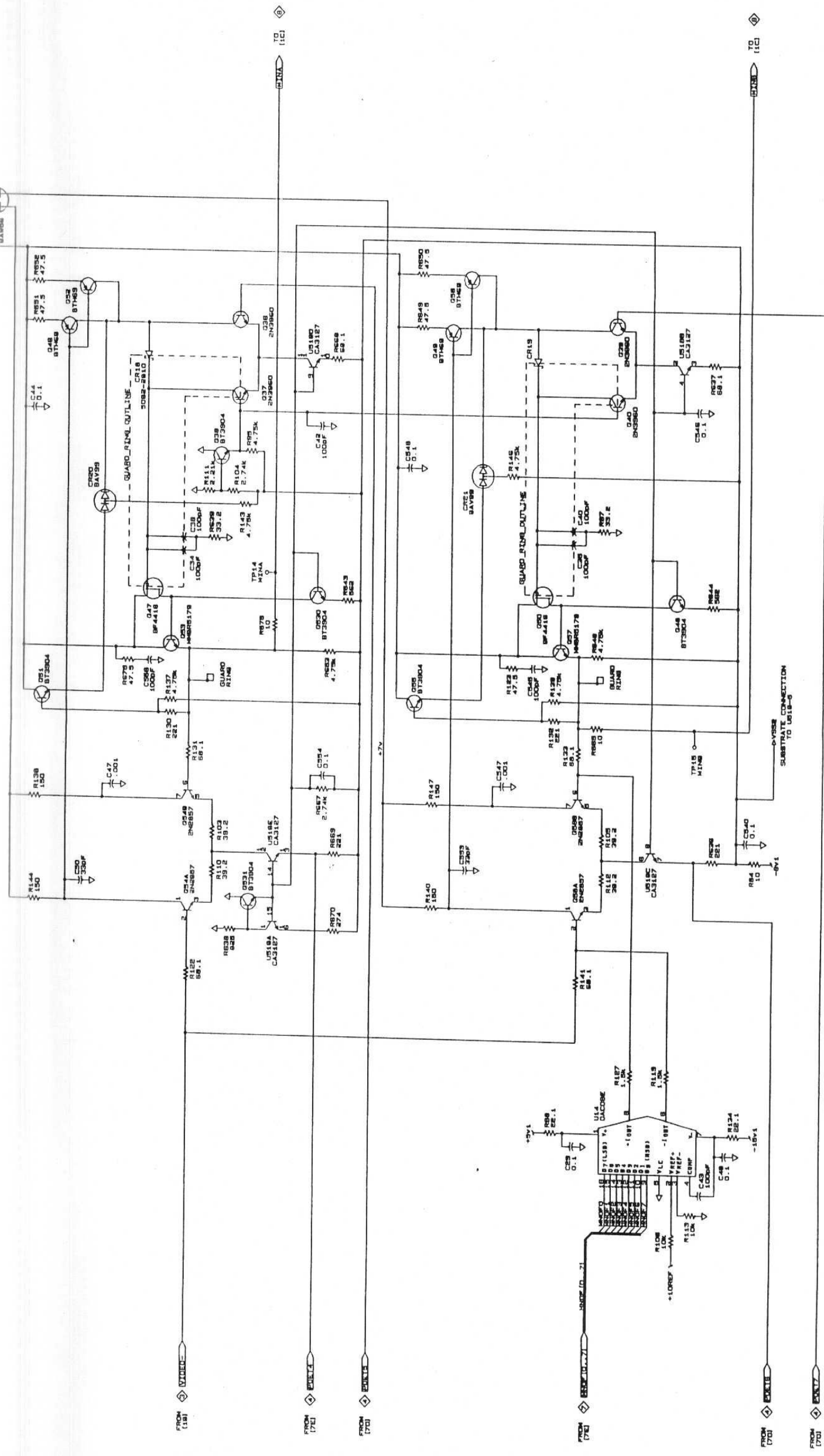
SEE PARTS LIST FOR
SEMICONDUCTOR TYPES

PARTIAL A20A1 ANALOG VIDEO PROCESSOR BOARD

VIDEO FILTERS A20A1







+10V1
R128 27.1k
C38 100pF 7N16V
CR22 8AV59

R138 150
C44 0.1
R131 58.1
R130 221
R137 4.75k
R136 47.5
R135 47.5
R134 47.5
R133 47.5
R132 47.5
R131 58.1
R130 221
R137 4.75k
R136 47.5
R135 47.5
R134 47.5
R133 47.5
R132 47.5

CR20 8AV59
CR18 GUARD RING OUTLINE
CR19 GUARD RING OUTLINE
CR21 8AV59
CR22 8AV59
CR23 8AV59
CR24 8AV59
CR25 8AV59
CR26 8AV59
CR27 8AV59
CR28 8AV59
CR29 8AV59
CR30 8AV59
CR31 8AV59
CR32 8AV59
CR33 8AV59
CR34 8AV59
CR35 8AV59
CR36 8AV59
CR37 8AV59
CR38 8AV59
CR39 8AV59
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CR43 8AV59
CR44 8AV59
CR45 8AV59
CR46 8AV59
CR47 8AV59
CR48 8AV59

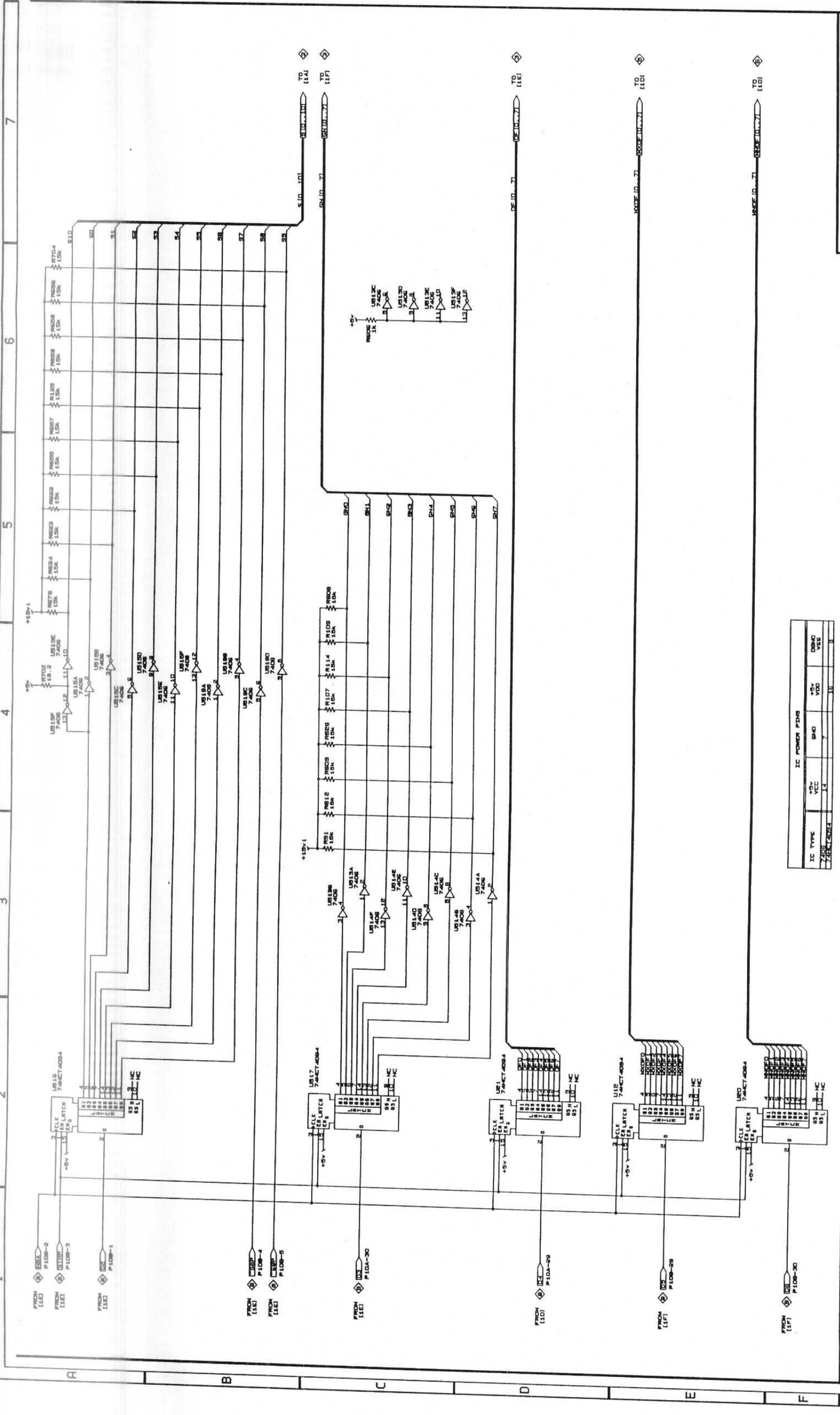
CR18 GUARD RING OUTLINE
CR19 GUARD RING OUTLINE
CR20 8AV59
CR21 8AV59
CR22 8AV59
CR23 8AV59
CR24 8AV59
CR25 8AV59
CR26 8AV59
CR27 8AV59
CR28 8AV59
CR29 8AV59
CR30 8AV59
CR31 8AV59
CR32 8AV59
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CR36 8AV59
CR37 8AV59
CR38 8AV59
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CR40 8AV59
CR41 8AV59
CR42 8AV59
CR43 8AV59
CR44 8AV59
CR45 8AV59
CR46 8AV59
CR47 8AV59
CR48 8AV59

CR18 GUARD RING OUTLINE
CR19 GUARD RING OUTLINE
CR20 8AV59
CR21 8AV59
CR22 8AV59
CR23 8AV59
CR24 8AV59
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CR27 8AV59
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CR29 8AV59
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CR39 8AV59
CR40 8AV59
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CR43 8AV59
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CR46 8AV59
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CR48 8AV59

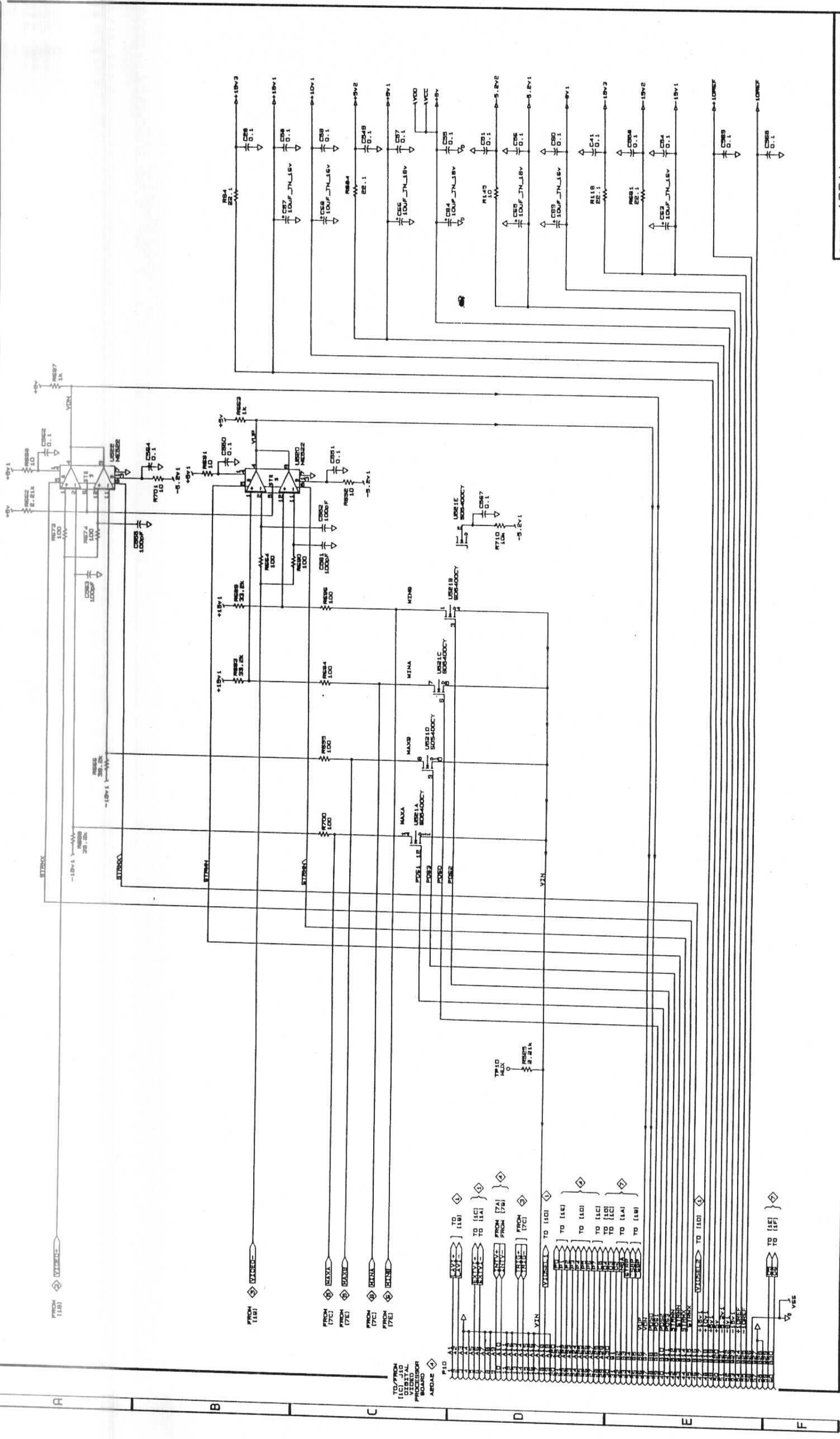
CR18 GUARD RING OUTLINE
CR19 GUARD RING OUTLINE
CR20 8AV59
CR21 8AV59
CR22 8AV59
CR23 8AV59
CR24 8AV59
CR25 8AV59
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CR30 8AV59
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CR39 8AV59
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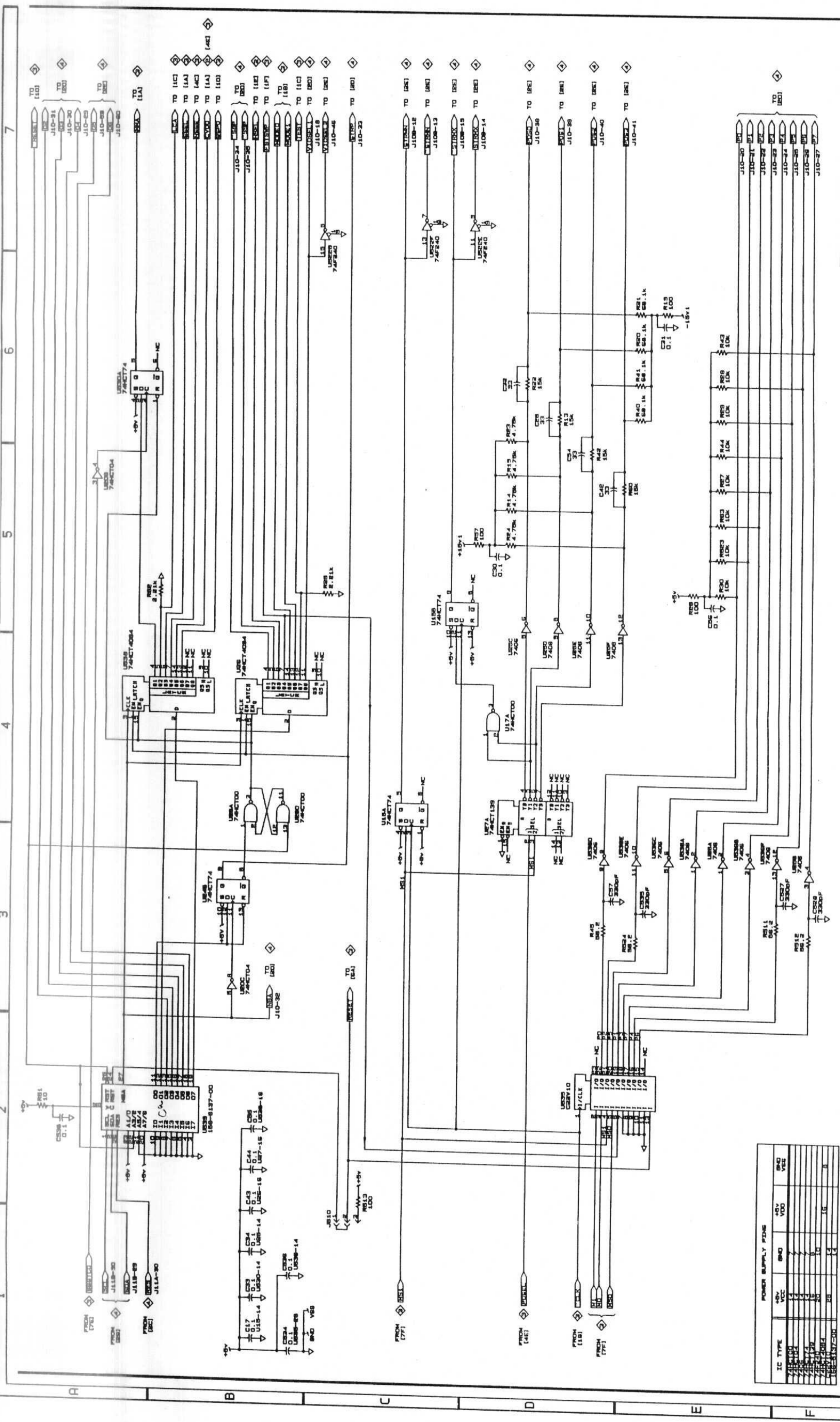
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CR19 GUARD RING OUTLINE
CR20 8AV59
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CR22 8AV59
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CR47 8AV59
CR48 8AV59

CR18 GUARD RING OUTLINE
CR19 GUARD RING OUTLINE
CR20 8AV59
CR21 8AV59
CR22 8AV59
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CR24 8AV59
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CR26 8AV59
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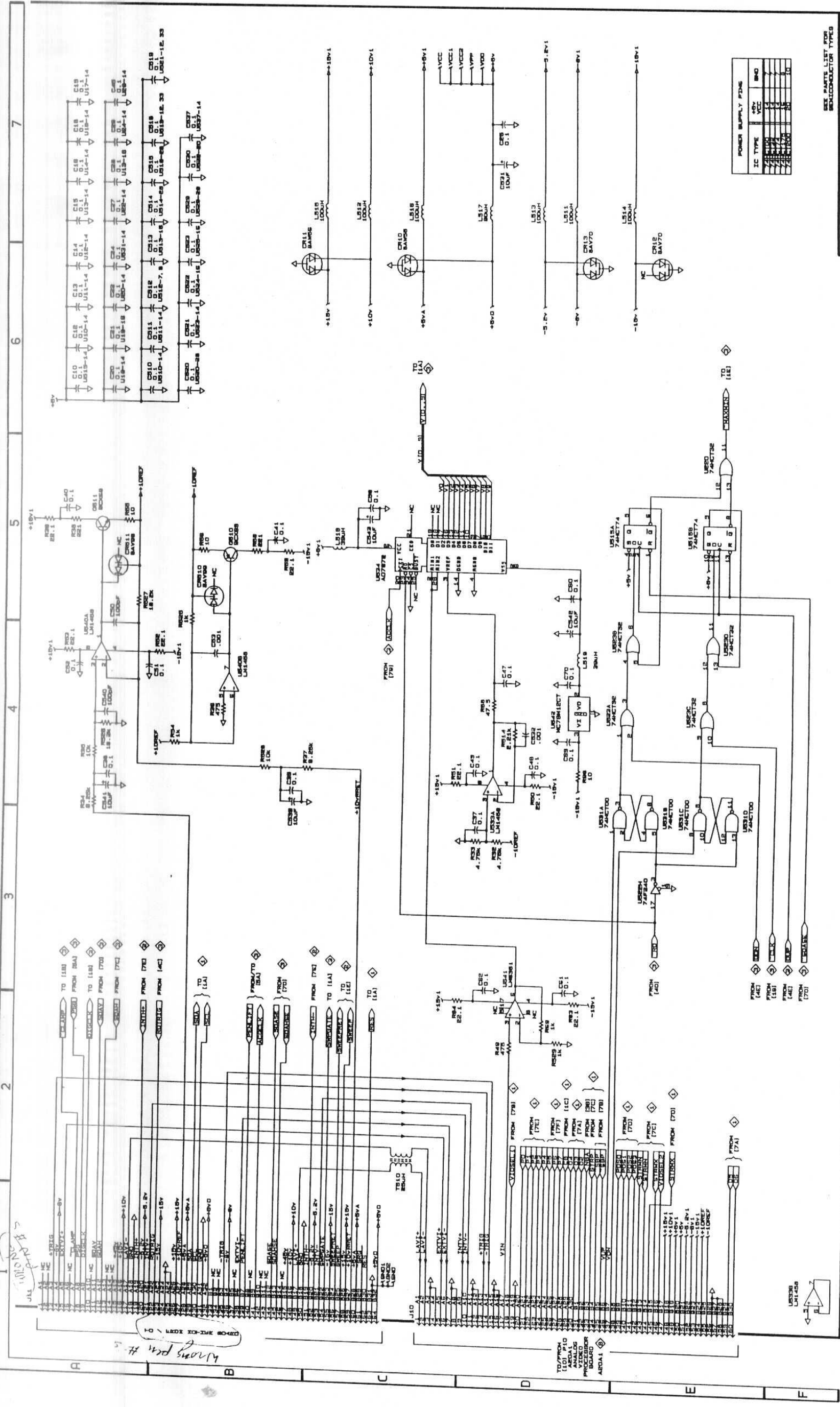


IC POWER PINS				
IC TYPE	VCC	GND	+5V VDD	DSAD VES
74ACT4094	1	7	15	8

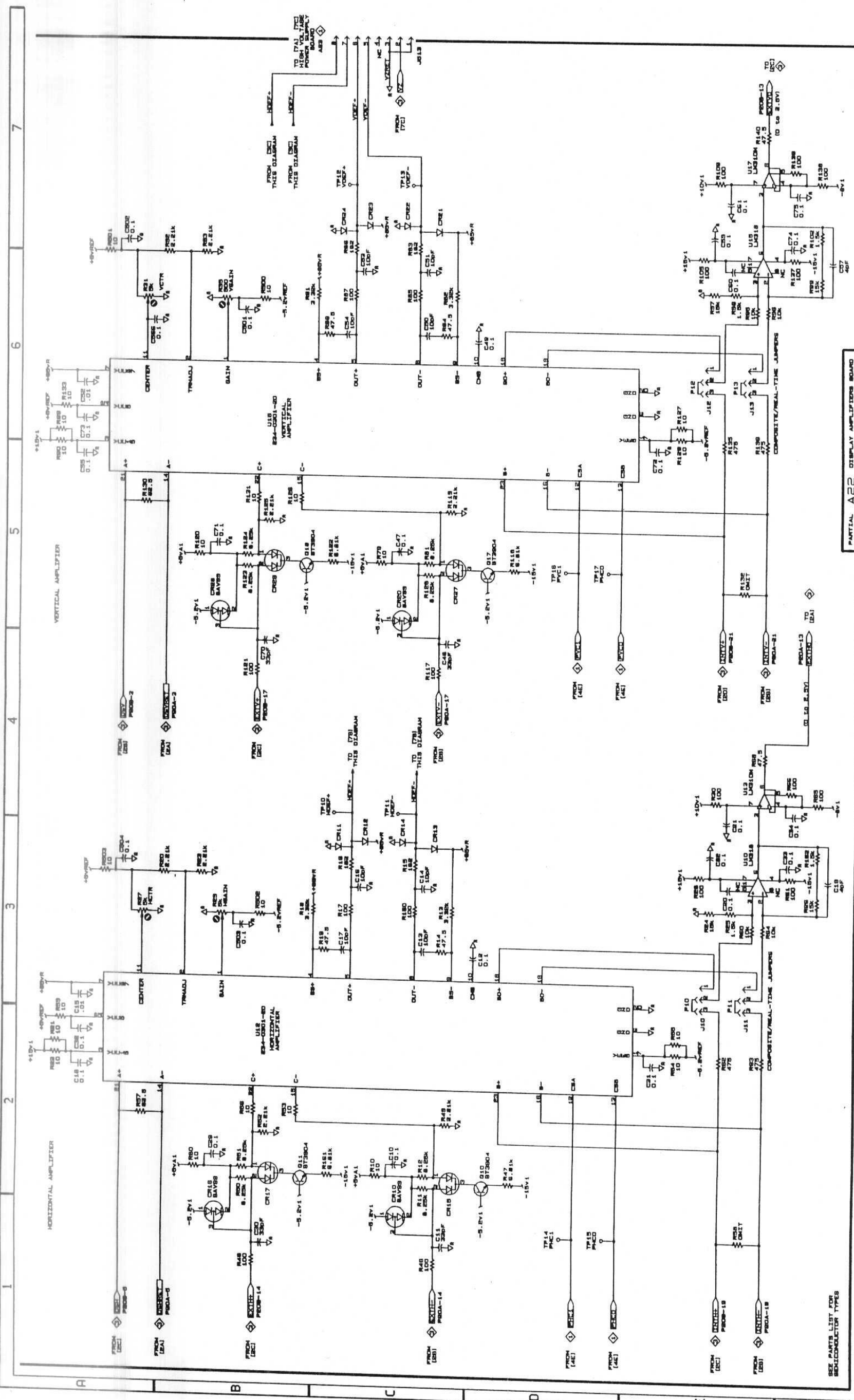




POWER SUPPLY PING				
IC TYPE	VCC	BMQ	+5V	RES
U100	1	1	1	1
U101	1	1	1	1
U102	1	1	1	1
U103	1	1	1	1
U104	1	1	1	1
U105	1	1	1	1
U106	1	1	1	1
U107	1	1	1	1
U108	1	1	1	1
U109	1	1	1	1
U110	1	1	1	1
U111	1	1	1	1
U112	1	1	1	1
U113	1	1	1	1
U114	1	1	1	1
U115	1	1	1	1
U116	1	1	1	1
U117	1	1	1	1
U118	1	1	1	1
U119	1	1	1	1
U120	1	1	1	1
U121	1	1	1	1
U122	1	1	1	1
U123	1	1	1	1
U124	1	1	1	1
U125	1	1	1	1
U126	1	1	1	1
U127	1	1	1	1
U128	1	1	1	1
U129	1	1	1	1
U130	1	1	1	1
U131	1	1	1	1
U132	1	1	1	1
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U134	1	1	1	1
U135	1	1	1	1
U136	1	1	1	1
U137	1	1	1	1
U138	1	1	1	1
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U147	1	1	1	1
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U198	1	1	1	1
U199	1	1	1	1
U200	1	1	1	1

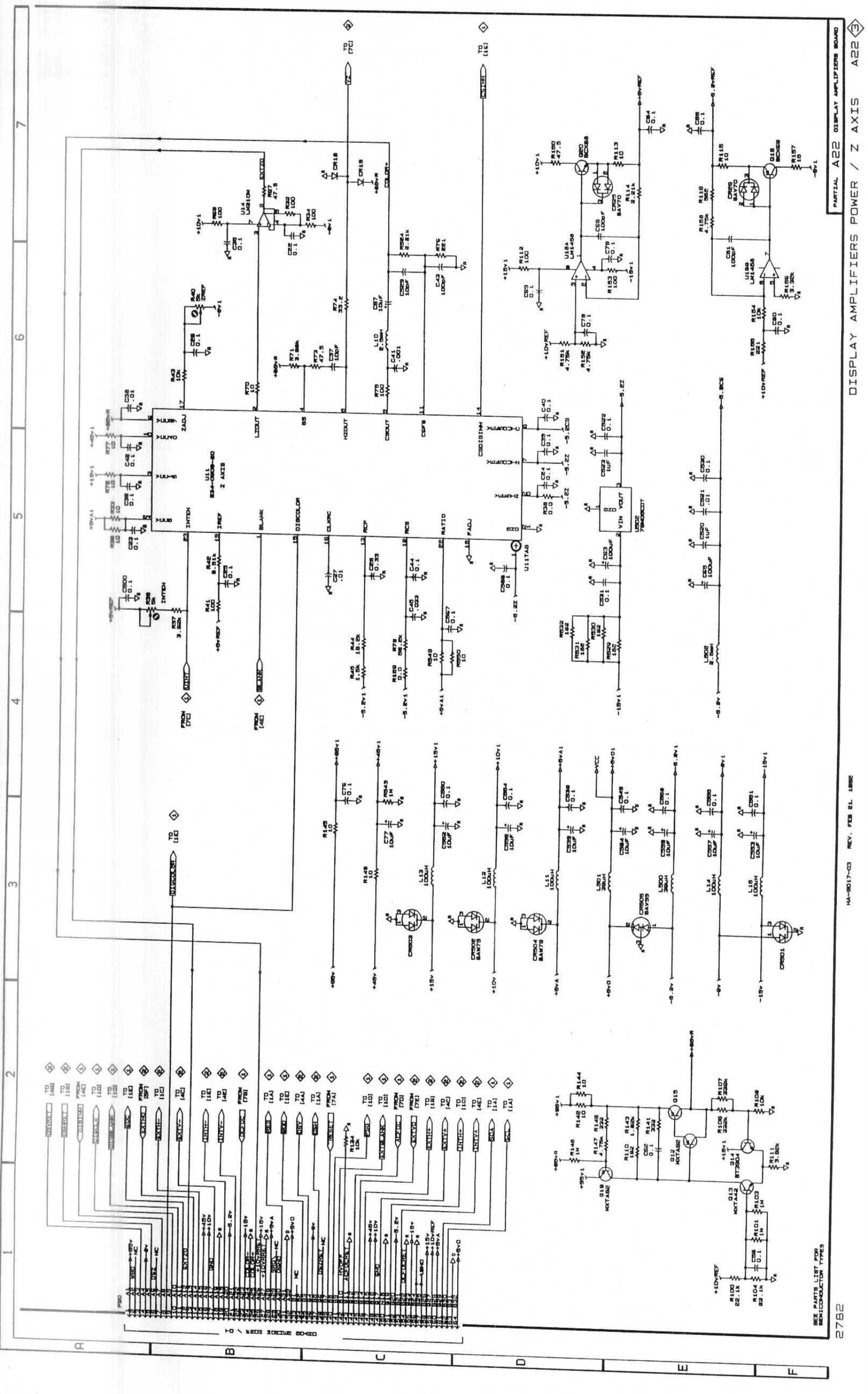


POWER SUPPLY PINS			
IC TYPE	VCC	GND	BM
74180	1	14	1
74181	1	14	1
74182	1	14	1
74183	1	14	1
74184	1	14	1
74185	1	14	1
74186	1	14	1
74187	1	14	1
74188	1	14	1
74189	1	14	1
74190	1	14	1
74191	1	14	1
74192	1	14	1
74193	1	14	1
74194	1	14	1
74195	1	14	1
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74197	1	14	1
74198	1	14	1
74199	1	14	1
74200	1	14	1

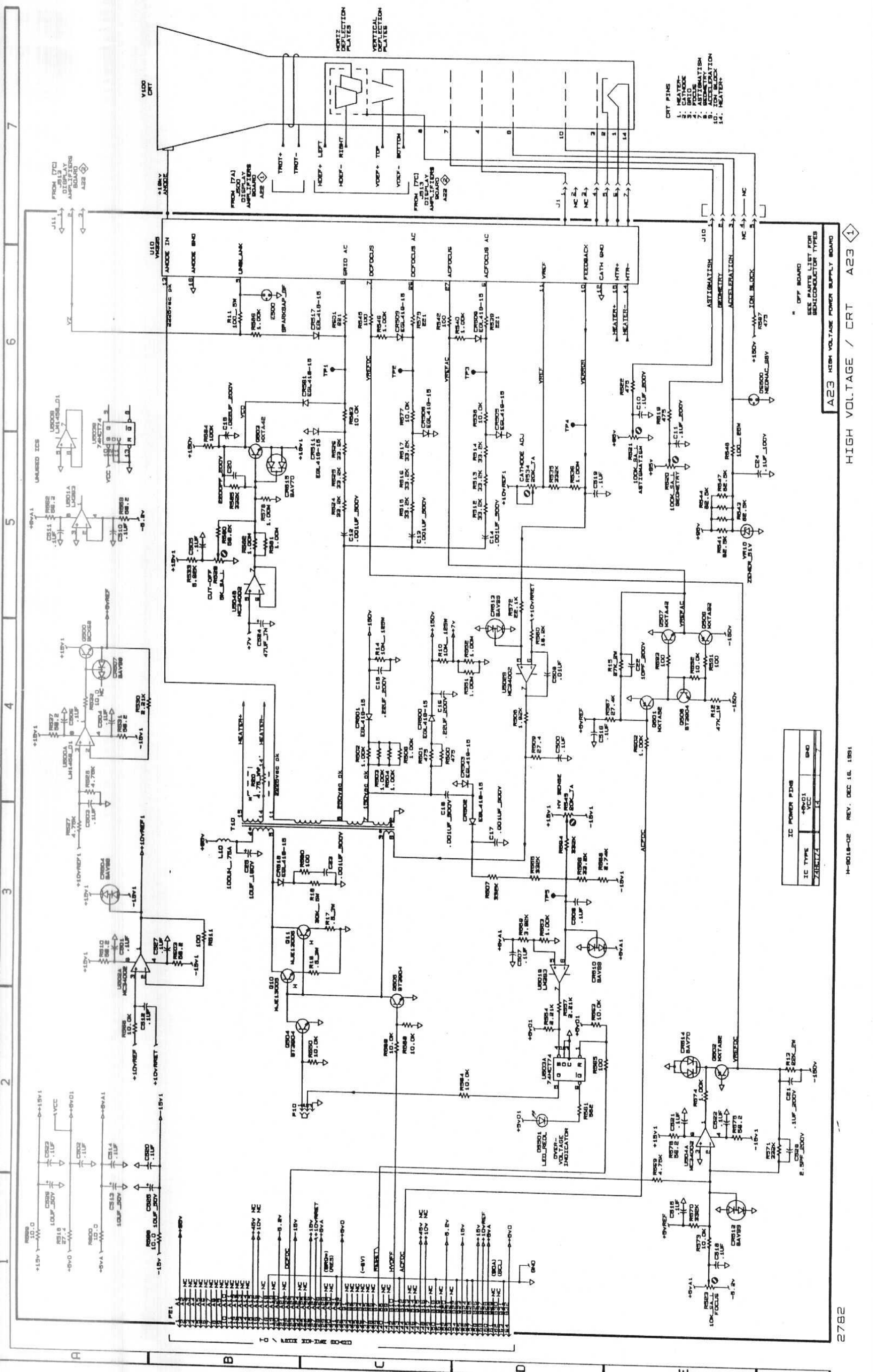


SEE PARTS LIST FOR
SEMICONDUCTOR TYPES

PARTIAL A22 DISPLAY AMPLIFIERS BOARD



SEE PARTS LIST FOR
SEMICONDUCTOR TYPES



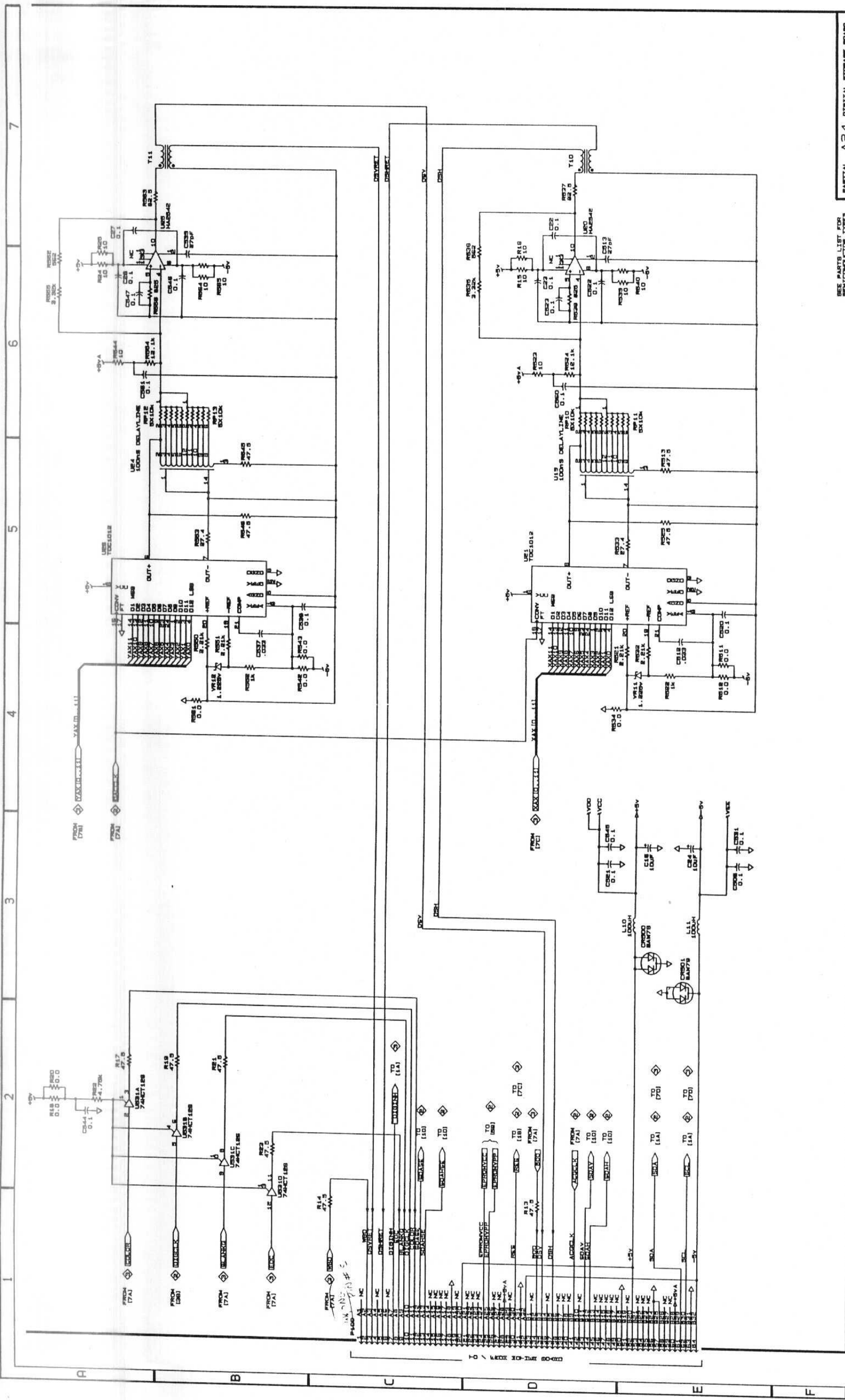
A23 HIGH VOLTAGE / CRT A23 1

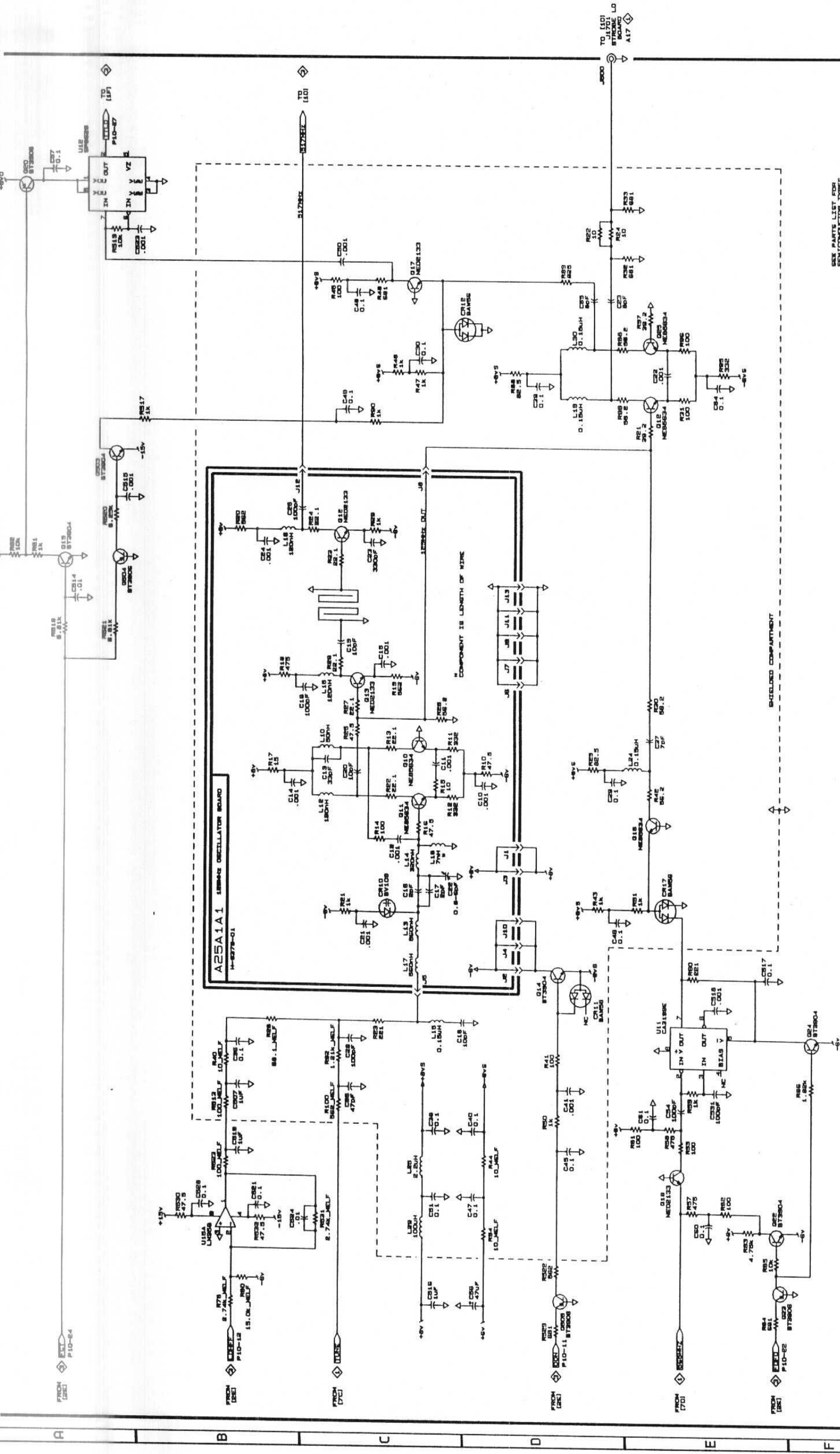
H-8018-02 REV. DEC 18 1981

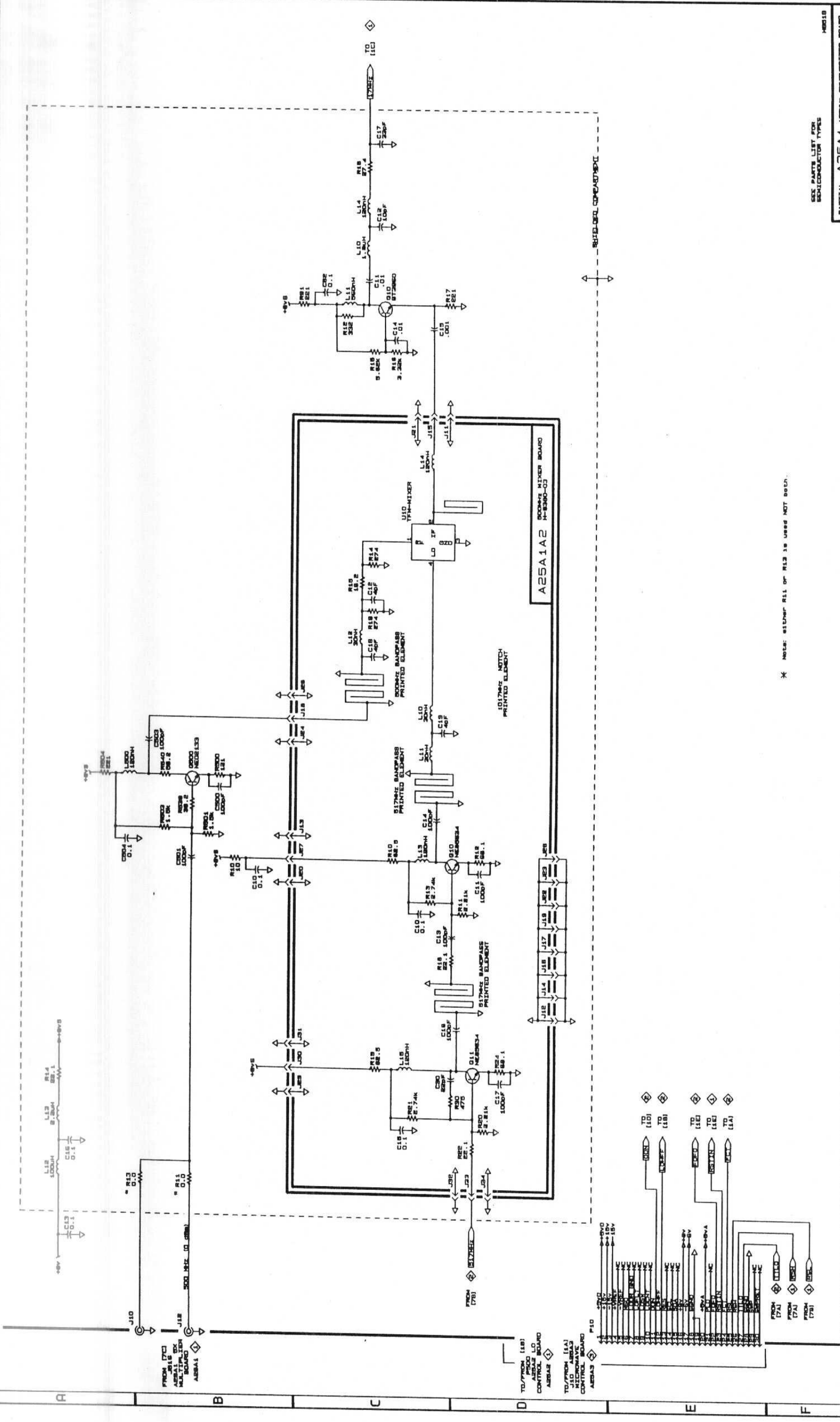
2782

IC POWER PINS	
IC TYPE	IC
74180	1
74181	2
74182	3
74183	4

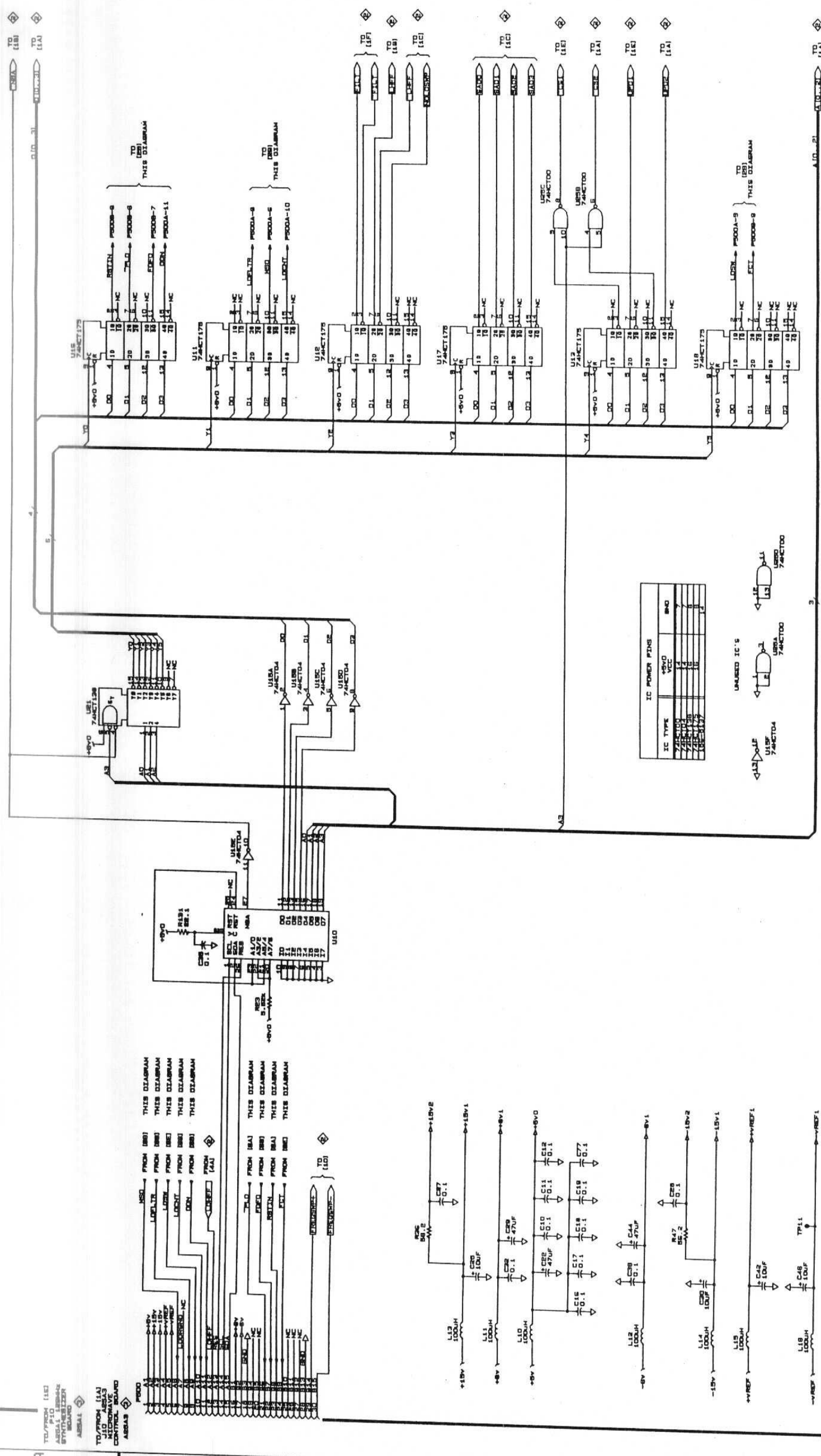
* OFF BOARD
SEE PARTS LIST FOR
SEMICONDUCTOR TYPES

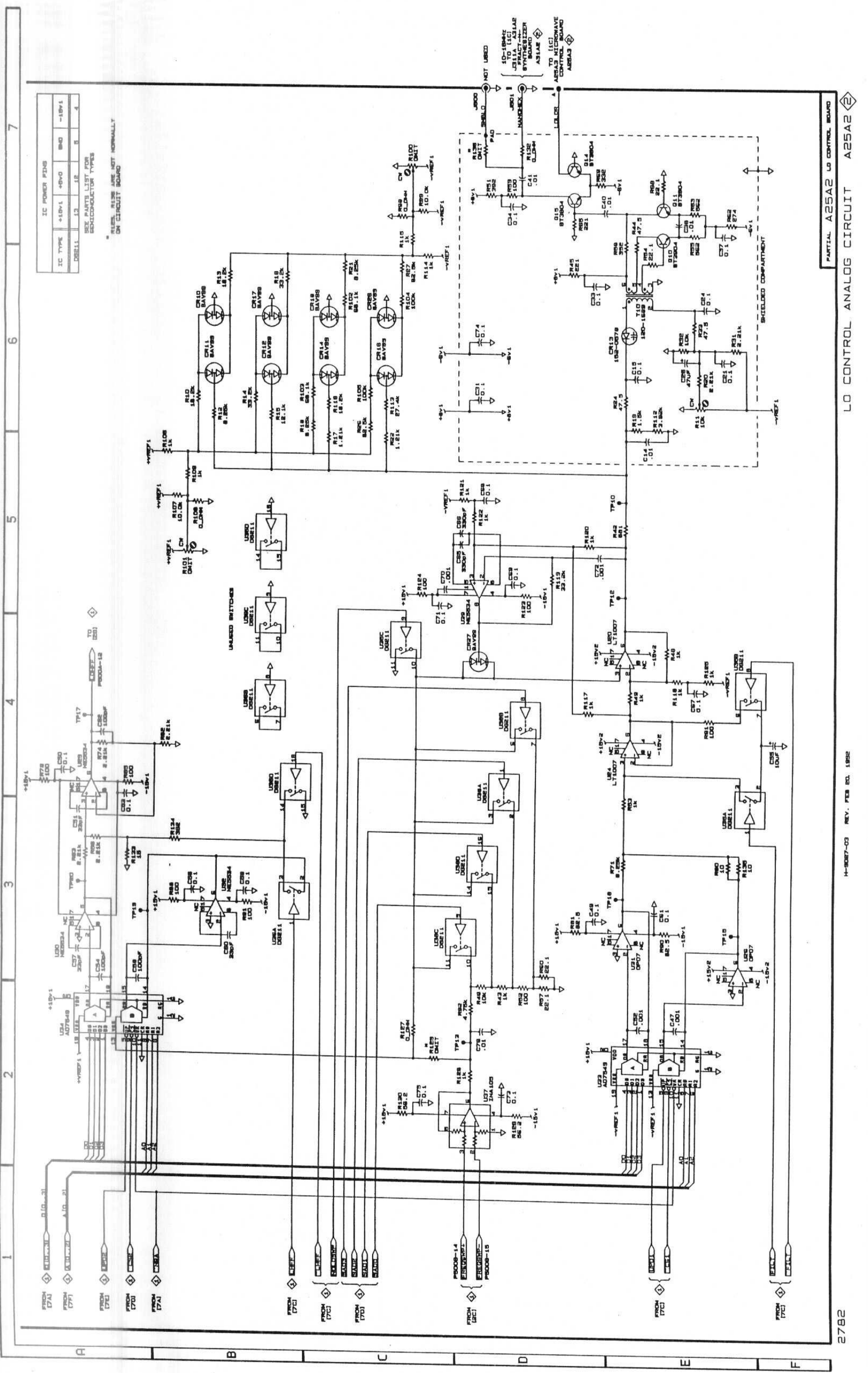






* NOTE: EITHER R11 OR R12 IS USED NOT BOTH.



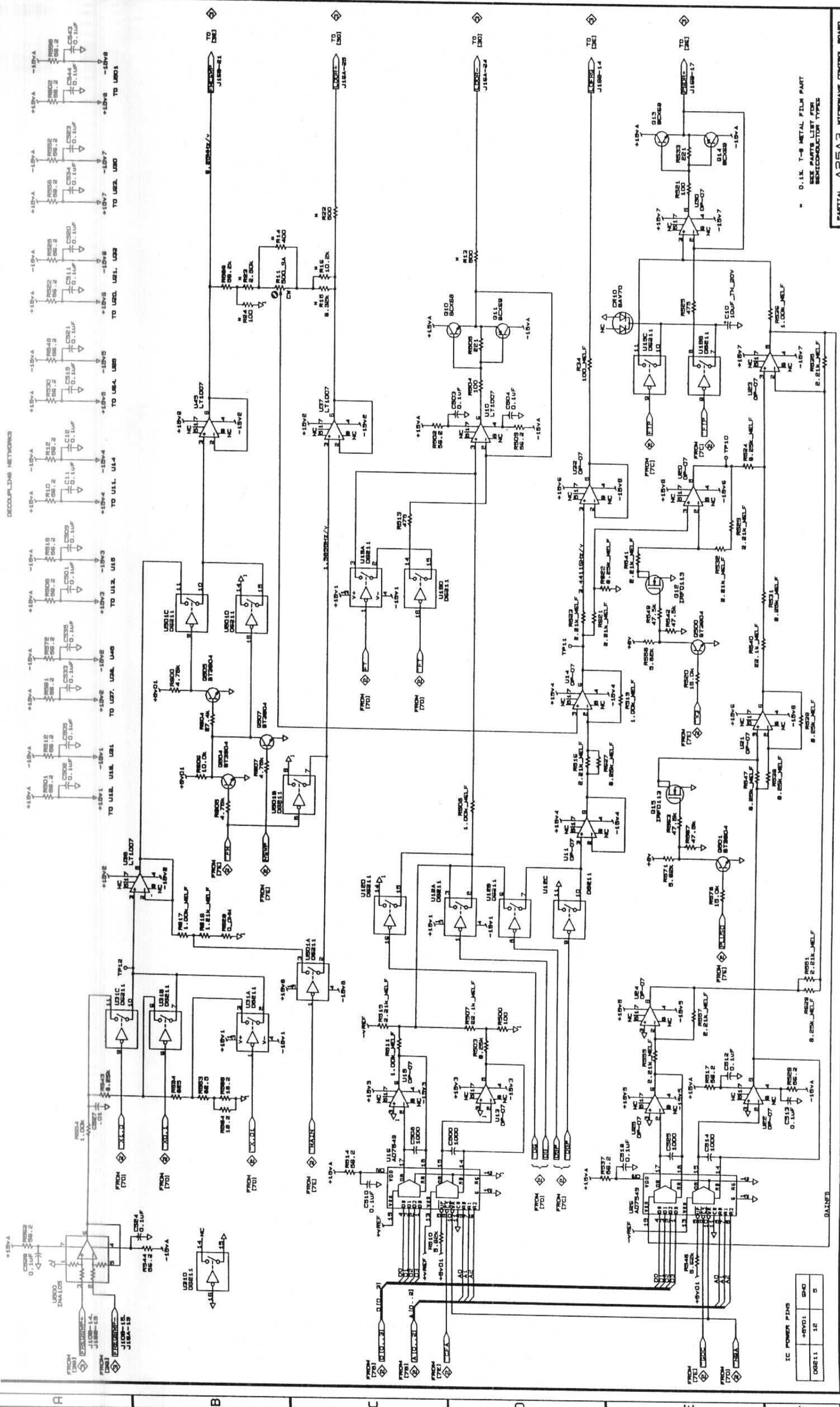


IC TYPE	+15V1	+5V0	0V0	-15V1
IC POWER PINS	13	12	0	4

SEE PARTS LIST FOR
SEMICONDUCTOR TYPES

* ALL VALUES ARE NOT NORMALLY
ON CIRCUIT BOARD

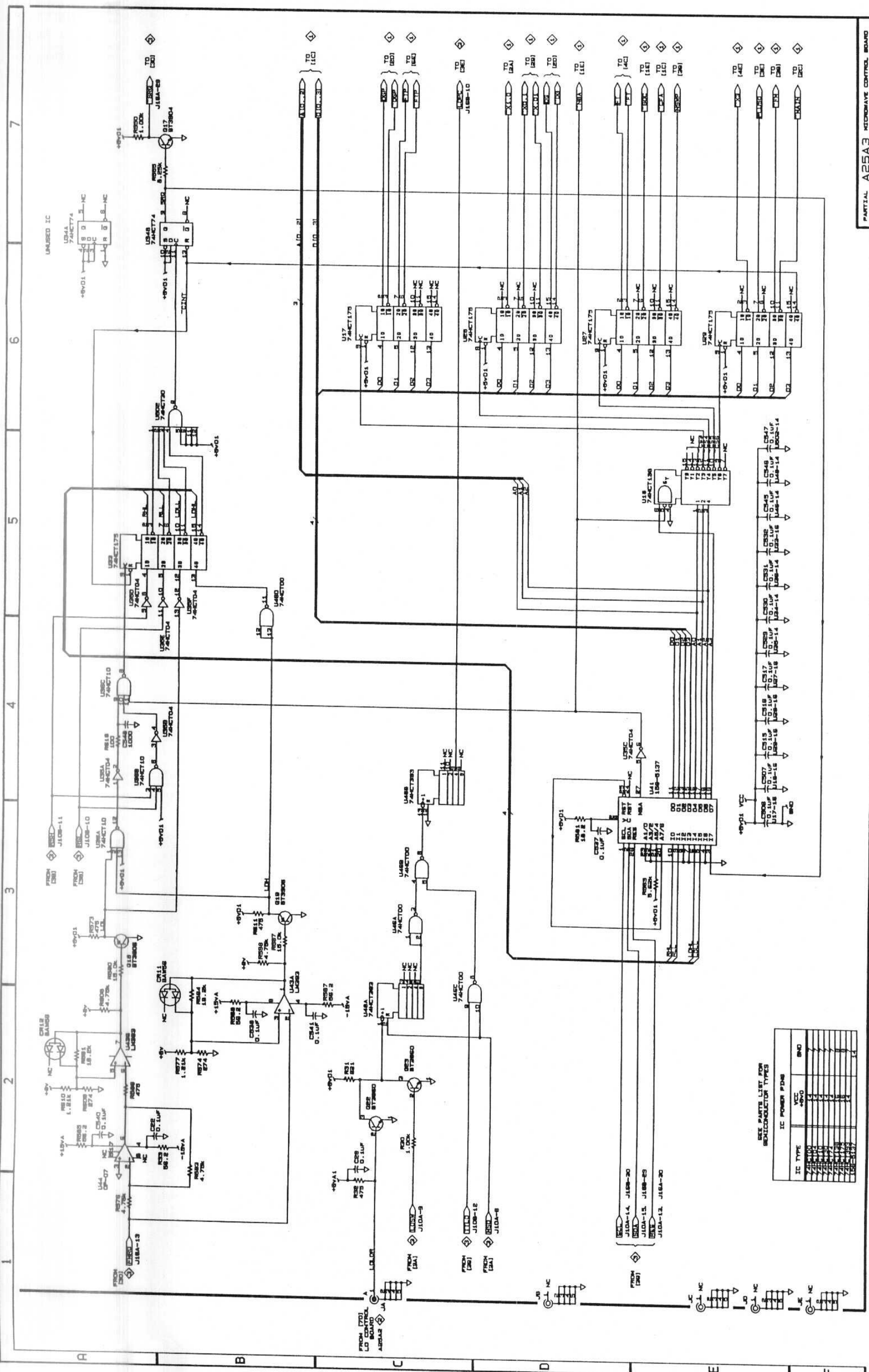
DECOUPLING NETWORKS



IC POWER PINS

IC	+5V01	5V01
DS211	12	5

* 0.1% T-8 METAL FILM PART
SEE PARTS LIST FOR
SEMICONDUCTOR TYPES



SEE PARTS LIST FOR
SEMICONDUCTOR TYPES

IC TYPE	VCC	GND
74ACT175	VCC	GND
74ACT10	VCC	GND
74ACT04	VCC	GND
74ACT00	VCC	GND
74ACT02	VCC	GND
74ACT03	VCC	GND
74ACT05	VCC	GND
74ACT06	VCC	GND
74ACT07	VCC	GND
74ACT08	VCC	GND
74ACT09	VCC	GND
74ACT11	VCC	GND
74ACT12	VCC	GND
74ACT13	VCC	GND
74ACT14	VCC	GND
74ACT15	VCC	GND
74ACT16	VCC	GND
74ACT17	VCC	GND
74ACT18	VCC	GND
74ACT19	VCC	GND
74ACT20	VCC	GND
74ACT21	VCC	GND
74ACT22	VCC	GND
74ACT23	VCC	GND
74ACT24	VCC	GND
74ACT25	VCC	GND
74ACT26	VCC	GND
74ACT27	VCC	GND
74ACT28	VCC	GND
74ACT29	VCC	GND
74ACT30	VCC	GND
74ACT31	VCC	GND
74ACT32	VCC	GND
74ACT33	VCC	GND
74ACT34	VCC	GND
74ACT35	VCC	GND
74ACT36	VCC	GND
74ACT37	VCC	GND
74ACT38	VCC	GND
74ACT39	VCC	GND
74ACT40	VCC	GND
74ACT41	VCC	GND
74ACT42	VCC	GND
74ACT43	VCC	GND
74ACT44	VCC	GND
74ACT45	VCC	GND
74ACT46	VCC	GND
74ACT47	VCC	GND
74ACT48	VCC	GND
74ACT49	VCC	GND
74ACT50	VCC	GND
74ACT51	VCC	GND
74ACT52	VCC	GND
74ACT53	VCC	GND
74ACT54	VCC	GND
74ACT55	VCC	GND
74ACT56	VCC	GND
74ACT57	VCC	GND
74ACT58	VCC	GND
74ACT59	VCC	GND
74ACT60	VCC	GND
74ACT61	VCC	GND
74ACT62	VCC	GND
74ACT63	VCC	GND
74ACT64	VCC	GND
74ACT65	VCC	GND
74ACT66	VCC	GND
74ACT67	VCC	GND
74ACT68	VCC	GND
74ACT69	VCC	GND
74ACT70	VCC	GND
74ACT71	VCC	GND
74ACT72	VCC	GND
74ACT73	VCC	GND
74ACT74	VCC	GND
74ACT75	VCC	GND
74ACT76	VCC	GND
74ACT77	VCC	GND
74ACT78	VCC	GND
74ACT79	VCC	GND
74ACT80	VCC	GND
74ACT81	VCC	GND
74ACT82	VCC	GND
74ACT83	VCC	GND
74ACT84	VCC	GND
74ACT85	VCC	GND
74ACT86	VCC	GND
74ACT87	VCC	GND
74ACT88	VCC	GND
74ACT89	VCC	GND
74ACT90	VCC	GND
74ACT91	VCC	GND
74ACT92	VCC	GND
74ACT93	VCC	GND
74ACT94	VCC	GND
74ACT95	VCC	GND
74ACT96	VCC	GND
74ACT97	VCC	GND
74ACT98	VCC	GND
74ACT99	VCC	GND
74ACT100	VCC	GND